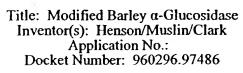


Title: Modified Barley α-Glucosidase Inventor(s): Henson/Muslin/Clark Application No.: Docket Number: 960296.97486

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	THE THE PROPERTY OF THE PROPERTY OF THE PARTY OF THE PART	(32)
BARLEY	MATYCVLILCLCLCLFAFRLCSSKEEGFLAAR	(44)
	MATYCV	(38)
S. BEET		(37)
SPINACH	MxxkipsialC1	(37)
ARABID.		
	TVLAVAVTMEGALRAEAATGGRSSTGDVQRLAVY	(66)
BARLEY		(33)
S.BEET	yqvknakvdnstgkalgtRrsitalpqlvknasvygpDiQlLeit	(73)
SPINACH	gykykeykydaDiksinih	(76)
ARABID.	gywraugvdanrqvltakldlikpasvyapDikatnlh	
		(109)
BARLEY	ASLETDSRLRVRITDADHPRWEVPQDIIPRPAPGDVLHDAPPA	(133)
S.BEET		(121)
SPINACH		(119)
ARABID.	vSLETaeRIRIRITDssqcRWEiPetvIPRagnhaprrfstee	(127)
ADDID:		13.433
2227 EV	SSAPLOCRVLSPAGSDLVLTV-H-ASPFRETTVSRRSTGDT	(147)
BARLEY		(272)
S.EEET		(168)
SPINACH	dggnsPennfladPsedlvftlh-n-ttFFgFsVSRESsGDi	(159)
ARAEID.	dggnsreimit it.dissett.	
	. WEDDAY EVICAL DAGRASI YGLGEHTK	(183)
PARLEY	LEDTAPGLVFRDKYLEVTSALPAGRASLYGLGEHTK	(215)
S. PEET	LFUIAPG	(211)
SFINACH	LFDatPipenpttLiFiDgYLhlTSsLFgtRAhiYGLGEHsK	(202)
ARAPID.	LFDTsPdsadsntyfiFkDqfLqlaSALPenRsnLYGiGEHTK	(202)
		(227)
PARLEY	SSFRLRHNDSFTLWNADIGASYVDVNLYSSHPFYHDVRAPGTAH	
S.BEET	- From Senior: ITI WNADTOSENTDINLYGSHFFYMDVKSSPING GSEN	(262)
SFINACH	or For Strick Tomas ADI DES DOUNLY GSHPF YMDVKSSPVSGSCA	(258)
ARABID.	rsfRLipgetmTLWNACtGsenpDVNLYGSHPFYMDVRg2koneeaGTtH	(252)
MONDIE.		
DADLEY	GVLLLSSNGMDVLYGGSYVTYKVIOGVLDFYFFASPNPLAVVDQYTQLIA	(277)
EARLEY	GV[LLnsNGMDVeYtGdriTYKVIGGiiDlYiFAGrtPemViDQYIkLIg	(332)
S.PEET	GVLLLr.SNGMDVeYtGr.riTYKVIGG1iD1YFFAGPSF9qVVeGfTzvIg	(308)
SPINACE	GVELLnSNGWDVkYcChrifYnVIGGViDlYvFAGPaPemVmnQYTeLIg	(302)
ARAEID.	CVELENSNGPEVKISCHITTHAISOVIDITATIO	
	THE PROPERTY OF THE PROPERTY O	(327)
BARLEY	RPAPMPYWSFGFHQURYGYLNVSDLERVVARYAKARIPLEVMWIDIDYMD	(362)
S.BEET	RPAPMFYWafGFHQCR-GYrdvreiEtvvdkyAeARIPLEVMWTDIDYND	(358)
SPINACH	RFAPMPYWAFGFQOCRYGYhdVyeLqsVVAgYAXAKIPLEVMWTDIDYMS	
ARAEID.	RPAPMFYWSFGFHQCRYGYKNVSDLEYVVdgYAKA9: PLEUMWTDIDYMD	(332)
BARLEY	GFKDFTLDRVNFIAAELRFFVDRLKRNAQKYVLILDPGIRVDPICATYGT	(3//)
S. PEST	- EVDE-I DDUNEDI dimagEVEKI HENGQYYVPILDEG: HCHASIOI	(10)
SPINACH	TO THE TENNIE THE PROPERTY OF	(40)
ARABID.	GYKDFTLDPVNFpedkmqeFVDtLHKNgQKYVLILDPGIgvDssYGI	(399)
ALCHELD.		
	FVRGMCCDIFLKRNGTNFVGNVHPGDVYFPDFMHPAAAEFWAREISLFRR	(427)
BARLEY	- POWS-PRE VENCED VICE UNDER COMPRED VY V FOR I GEN VUEL ALL NO	. (1),
S.BEET	yikGMkhDvFLkPNGkcylGeVWPGpVYFFDFlkpeAltFWtdEIkrFln	(455)
SPINACH	yikGmcnDvfikRNGepylGeVWFGkVYFPDFlnPAAAtfWsnEIkmFge	(443)
ARABID.	Aukeweanarivwoebarocanieviiii	
	DEPOT ALPROPRIATIONS OF THE PROPERTY OF THE PR	(473)
DARLEY	TIFVEGLUIDMNEISNFYNPEPMNALDDPPYRINNEGGEVPINSKI	(507)
S. BEET	11PiDG1WICMNEASNF1ceaPtPgstLDnPPYkINNsGgxvPINsKI	(503)
SPINACH	11FVDGLWIDMNEISNFisapPipgstLDnPFYkINNsGvmlPIINKT	(497)
ARAPID.	ilfloglwidthelsnfitaplsageelEDFFYkinnsGdkRPINNKI	
PARLEY	VRFLAVHYGGVTEYEEHNLFGLLEARATGRGVLADTGRRPFVLSRSIFVG	
S. BEET		
	man cu-, and four farvirant latterner about	
SPINACH	ipFtAmmigcipeinvandropbetakathqaVvdiIGkRPFiLSRSTFVs VpatsiHfGnisEYdaMNLyGLLEAKAThqaVvdiIGkRPFiLSRSTFVs	(547)
ARABID.		
	SGRYTAYWTGDNAATWGDLRYSINTMLSFGLFGMPMIGADICGFNGNTTE	(573)
PARLEY		
S.BEET		
SFINACH	SGKYTÄHNTGDNAATHOOLYISIPSHLUTOLYGITTI SGKYTÄHNTGDNAAKHEDLAYSIPSTINFGLFGIPMVGADICCFShdTTI	(597)
ARABID.		
PARLEY	ELCGRWIQIGAFYFFSRDHSAIFTVRRELYLWFSVAASCRKALGURYCLI	(657)
S. PEET		
SFINACH		
LRAEID.	ELCTRWICLGAFYPFSREMSSIGICYGLMUNGVAGSORKVLGLRTTL	- •



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	PYFYILMYEAHMTGAPIARPLFFSYPHDVATYGVDRQFLLGRGVLVSPVL	(673;
BARLEY	PYYYTUMY ANNICAPIAR PLEFE PHODVATYG I SSQFLIGRG INVSPVL PYYYTUMY ANNICAPIAR PLEFE PHODVATYG I SSQFLIGRG INVSPVL	(707)
S.BEET	PYYYTLMY dAnl r GSPIARPLEF CLPOD VALLET SELECTION OF SPORT	(703)
SPINACH	PYFYTEM TEACHTOS PLANT LEFS (PdDiklyGis 9 GFLLGkGVmVSPVLPYFYTLMYEAQING) PLANT LEFS (PdDiklyGis 9 GFLLGkGVmVSP)	(697)
ARABID.	PhlyTLMYEAHVSCnPIARPLFFSfFqDtkTYeiDsCFLiGksimVSPat	103.7
	•	
BARLEY	EPGPTTVDAYFPAGRWYRLYDYSLAVATRIGKHVRLPAPADIVNVHLTGG	(723)
	-ne-strand-prombyet.anytesVsvsaGtyV6LSAFPUNINVALUES	(757)
S.BEET	kpgvvevtAyFprGnWfdLfDYtreVtaaTGryVtleAppDhiNVHiqeG	(753)
SPINACE	kgGavaVDAYFFAGnwfdLfnYSfAVggdsGKHVRLccPADhVNVHvreG	(747)
ARABID.	Kdcanannuttantutaru aana	
		(772)
BARLEY	TILPLOGSALTTSRARRTAFHLLVALAEDGTASGYLFLDDGDSPEYGR-R	(306)
S. BEET	nIvamQseAmTlqaARaTpFHLLVvmsdhvastGeLFLDnGiemdiGg-p	(903)
SPINACE	nllam@gkAmTiqaARkipFHLLvvmsdcGasfGeLFLDDGvevtmGvnR	
ARABID.	sivamQgeALTIrdaRkTpyqLLVvaarleniSGcLFLDDGenlrmGa-g	(796)
BARLEY	5D-WSMVRFNYKIPNNKGA: KVKSEVVHNSYAQSRTLVISKVVLMGH	(918)
S. BEET	ggkwtivRFfaeegiNnltisSEVVnrgYAmSqrwVmdKitllGl	(851)
	gk-WtfVkFiaaeaKqtclitSdVVegefAvSqkwVldXVtilG	(347)
SPINACH	ggrrd-WtlVkFrcyvtgkevvlrsEVVnpeYAekmkwBlgKVtfvGf	(843)
ARABID.	994.17-MCIAKEICAACAKENAIISENAIBETHONING-34	•
	TOTAL TANCET	(B67)
BARLEY	RSPAAPKKLTVHVNSAEVEASSSAGTRYCNAGGLGGVAH-IGGLSLVVGE	(900)
S. PEFT	krrvkiKeyTVqkdagaikvkglgrrtsshnqGgffVsv-IedLrqlVGq	
SFINACH	RkgtkingyTVrtgavtrkgdkSklkstpdrkGefiVAe-IsGLnLllGr	(896)
ARABID.	envenvKtyeVrtserlrapriSliktvsdnddprflsvevakLSLlVGk	(993)
BARLEY	EFELKVAMSY (877)	
S. PEFT	aFkLelefeqAtrv (914)	
SPINACH	EFkLvlh (203)	
ARABID.	kfEmrlrlt- (902)	
ARCADID.	MI DINI I I I I I I I I I I I I I I I I I	